Overview of the North Carolina Geology Field Course

The North Carolina Summer Geology Field Course is a 6-semester hour, capstone Geology Field Course administered by the Department of Geological Sciences at East Carolina University. The Geology Field Course is conducted in northern New Mexico and southern Colorado within a geologic and tectonic setting that includes the Southern Rocky Mountains, the Colorado Plateau, the Rio Grande Rift, the Jemez Caldera, and the San Juan Mountains. The course emphasizes project based learning including: field mapping, stratigraphy and geophysics, and is designed to train students in field oriented problem solving and critical thinking that will prepare them for a professional career in the Geological Sciences. The New Mexico and Colorado regional setting allows students to be introduced to diverse geologic settings, including: active faults, Proterozoic metamorphic rocks, Paleozoic to Cenozoic sedimentary rocks, young volcanic terrains, and late Cenozoic alluvial and colluvial sediments.

Course Information

GEOLOGY 4000- 6 semester hours: May 17- June 22, 2021 (Including Travel Days in vans to and from New Mexico and Colorado)

TUITION AND FEES: Total cost for applicants will be $3700. $500 is due with the application (see below) with the remainder due by April 1, 2021, pending financial aid disbursements. Students who are not currently enrolled at East Carolina University will have to pay an Application Fee ($75) to be admitted as a Visiting Summer Student (https://admissions.ecu.edu/apply/visiting-students/).

APPLICATION DEADLINE: Feb. 21, 2021. Applications are welcome as long as space remains for additional students. Our Geology Field Course fills quickly, so apply early if you want to be assured a spot in the 2021 Geology Field Course.

PREREQUISITES: Courses in Mineralogy, Petrology, Stratigraphy/Sedimentology, Structural Geology, and Field Methods are preferred. Some substitutions are allowed for qualified candidates. You must have completed a course in Structural Geology and General Petrology (Igneous, Sedimentary, and Metamorphic) to attend the Field Course.

For additional information
Contact the Field Course Director:
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https://geology.ecu.edu/undergraduate-field-course/